Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 15 May 2021 until 23:59 on Sunday 16 May 2021

Forecast Issued on Saturday 15 May 2021 at 03:59

Confidence: Good confidence for a mainly cool and unsettled period with showers on each day. Low confidence on any thunderstorm risk, with this potential likely reducing from Tuesday.

Headline for Saturday 15 May 2021: Early rain easing, but heavy showers then developing. Chance of hail and thunder.

Mountain weather hazards on Saturday 15 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Heavy Rain	Heavy rain showers	Heavy rain showers	Light rain
Precipitation probability					
70%	60%	40%	60%	70%	70%

Forecast for Saturday 15 May 2021

Weather: Starting cloudy with outbreaks of rain, mainly light but possibly heavy in places. Little change until late morning to early afternoon, when some brighter spells develop, with the odd glimpse of warm sunshine, as showers replace the rain. These turning heavy at times, with hail and a risk of thunder. Later this evening the showers are gradually replaced by lighter showers or longer spells of rain.

Chance of cloud free mountain/hill tops above 600m: 30% at first, increasing to 70% from late morning and 90% this afternoon. Falling to 60% later this evening.

Visibility: Poor at times this morning, with cloud obscuring views above 500m and occasionally as low as 300m. This lifting through today, with only patches of cloud still likely at 600m by early afternoon, mainly during any showers. Away from showers, some good views of distant hills likely, but occasional reductions to poor are to be expected as any showers develop and move through.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Saturday 15 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 E	11/15 E	11/15 SE	8/11 SE	7/9 S	7/10 SE	9/13 SW
300	9/12 E	10/14 E	6/10 E	6/10 SE	5/8 E	4/8 SE	7/12 S
Valley	8/14 E	9/15 E	5/11 SE	5/10 S	4/8 S	4/9 SE	4/10 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	5/1	6/2	6/4	6/4	6/3	5/2
300	7/4	8/5	9/7	9/7	9/8	8/7	7/5
Valley	8/6	9/7	9/8	10/9	9/8	8/7	8/7
Freezing Level*	1400m	1400m	1400m	1500m	1500m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very poor conditions at times, mainly this morning with the rain but also with showers which have the potential to produce heavy rain, hail and thunder. Waterproof layers will be essential. Feeling unseasonably cold, especially at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 15 May 2021	N/A	N/A	N/A

Forecast for Sunday 16 May 2021

Weather: Showers or longer spells of rain continuing overnight, but these mostly light. Then bright or sunny spells, and occasional showers for the day. Showers will be heavy again, with thunder and hail possible. Where showers occur, they will be slow moving, bringing some very poor conditions. Showers become lighter and less widespread late evening.

Maximum wind: Southerly 10-15mph becoming easterly 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 30% overnight. Increasing to 80% during the morning.

Visibility: Moderate or poor with showers or rain, with cloud obscuring hills above 500m overnight and at times with showers during the day, with only near-by hills visible. However, away from showers or rain very good visibility with distant hills clearly visible.

Temperature: **Valleys:** Plus 4 Celsius becoming Plus 13 Celsius
At 600m: Plus 3 Celsius becoming Plus 8 Celsius
Freezing level: Above the summits.

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